

COMMONWEALTH OF PENNSYLVANIA  
Department of Public Instruction  
Bureau of Professional Licensing

REGISTERED  
PROFESSIONAL  
ENGINEERS  
and  
REGISTERED  
SURVEYORS  
in  
PENNSYLVANIA



State Registration Board  
*for*  
Professional Engineers

*Bulletin no. 619*

Corrected to April 15, 1936

13019  
1.3.1



Commonwealth of Pennsylvania  
DEPARTMENT OF PUBLIC INSTRUCTION  
Bureau of Professional Licensing  
CLARENCE E. ACKLEY, *Director*

STATE REGISTRATION BOARD  
*for*  
PROFESSIONAL ENGINEERS

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Harrisburg

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*Secretary*  
REBECCA J. NICKLES  
Department of Public Instruction  
Harrisburg

## FOREWORD

Herein is contained a list of professional engineers and surveyors registered in accordance with the Act of the General Assembly, No. 415, dated May 6, 1927, and who were in good standing on the date of this issue.

It is the purpose of the Board to secure the registration of all qualified engineers and surveyors. Any engineer or surveyor whose practice is within the scope of the Law and is not registered is practicing illegally. The Registration Board will welcome any information concerning persons engaged in such illegal practice. Persons so reported will be referred to the Law Enforcement Division for investigation and prosecution if the conditions are found to warrant it. The cooperation of registrants to this end is earnestly desired.

# REGISTRATION ACT FOR PROFESSIONAL ENGINEERS

No. 415

## AN ACT

Regulating the practice of the profession of engineering in all of its branches, including surveying; providing for the registration of certain persons practicing or offering to practice said profession; conferring certain powers and imposing certain duties upon the State registration board for professional engineers, upon the court of common pleas of Dauphin County; and providing penalties.

Section 1. Be it enacted, &c., That in order to safeguard life, health, and property, any person practicing, or offering to practice, the profession of engineering in any of its branches, including surveying, shall hereafter be required to submit evidence that he or she is qualified so to practice, and shall be registered as hereinafter provided; and it shall be unlawful for any person to practice, or to offer to practice, the profession of engineering, in any of its branches, including surveying, in this Commonwealth, unless such person has been duly registered or exempted under the provisions of this act.

Nothing in this act shall be construed as requiring a certificate of registration for practicing the profession of engineering, in any of its branches, including surveying, by any person, firm, copartnership or corporation, upon property owned or leased by such person, firm, copartnership or corporation, unless the same affects the public safety or health or the property of any other person, firm, copartnership or corporation.

Section 2. Definitions.—The term “professional engineer,” as used in this act, shall mean a person who through technical knowledge gained by education or by experience in one or more branches of engineering, including surveying, initiates, investigates, plans, and directs the control of the forces of and the utilization of the materials of nature, and of human activities in connection therewith, for the benefit of man, and who represents himself or herself to be such a professional engineer, either through the use of the term “professional engineer,” with or without qualifying adjectives, or through the use of some other title implying that he or she is such a professional engineer.

The term “surveyor,” as used in this act, shall mean any person engaged in that branch of engineering known as “survey-

ing," who makes surveys for the determination of area, or for the establishment or re-establishment of land boundaries, or the subdivision and platting of land, who makes surveys for the establishment of lines or grades or elevations for carrying out engineering work, including the preparation of plans or specifications for minor engineering work not involving safety to life, and who determines quantities, or who makes estimates for proposed work, or for work under construction, or work that is completed. or who, in addition to the foregoing, makes estimates of quantities of mineral or minerals in place or that have been removed.

The term "board," as used in this act, shall mean the State Registration Board for Professional Engineers.

Section 3. Record of Proceedings; Register of Applicants.—The board shall keep a record of its proceedings and a register of all applications for registration, which register shall show such information as may be deemed necessary by the board.

Section 4. Certificates of Registration; Qualifications of Applicant.—The board, upon application on the form prescribed by it, and upon the payment of a fee of twenty dollars, and except as hereinafter provided, shall issue a certificate of registration to the following persons, to wit:

(a) Any person who submits evidence that he or she is fully qualified to practice the profession of engineering in any of its branches, including surveying; or,

(b) Any person submitting evidence, satisfactory to the board, who holds an unexpired certificate of registration issued to him or her by any proper authority in the District of Columbia or in any state or territory of the United States, or in any province of the Dominion of Canada, in which the requirements and qualifications for obtaining a certificate of registration to practice the profession of engineering in any of its branches, including surveying, are not lower than those specified in this act:

Provided, That no person shall be eligible for registration under this section who is not a citizen of the United States or of the Dominion of Canada, or at least twenty-one years of age, or who does not speak, read or write the English language, or is not of good character or repute, or has not been actively engaged for at least the minimum number of years hereinafter specified in the practice of the profession of engineering in any of its branches including surveying of a character satisfactory to the board: And provided, That each year of teaching or of the study of engineering in a school or college satisfactory to the board shall be considered as equivalent to one year of active practice, but the total number of years of

study and teaching which may be credited to active practice shall not exceed four years, nor shall the additional active practice in the profession of engineering be less than four years; and,

Provided further, That the board shall register, upon the payment of the renewal fee provided in this act, and shall issue a registration card for the year 1927, to each person surrendering to it an authentic registration card for 1927 or 1926 issued by the State Board for Registration of Professional Engineers and of Land Surveyors created by the act, approved the twenty-fifth day of May, one thousand nine hundred and twenty-one (Pamphlet Laws, eleven hundred and thirty-one), entitled "An act to regulate the practice of the profession of engineering and of land surveying; creating a State Board for the Registration of Professional Engineers and Land Surveyors; defining its powers and duties; imposing certain duties upon the Commonwealth and political subdivisions thereof in connection with public work; and providing penalties," which act was declared unconstitutional by the Supreme Court of the Commonwealth of Pennsylvania.

The board, after an examination, or receiving other evidence of qualification as provided in this act, shall issue a certificate of registration stating that the registrant is qualified to practice as a professional engineer or as a surveyor. The said board shall cause to be impressed upon each certificate of registration issued under this act the seal of the Commonwealth of Pennsylvania.

Section 5. Persons Prima Facie Entitled to Registration.—The following facts established in the application shall be regarded as prima facie evidence that the applicant is fully qualified to practice, to wit:

(1) As a professional engineer—

(a) Ten or more years of active practice in engineering work, which may include surveying work, and must include engineering work other than surveying work of a character indicating that the applicant is competent to be placed in responsible charge of such work; or

(b) Graduation in engineering from a school or college, approved by the board as of satisfactory standing, and having a course in engineering of not less than four years, and an additional two years of active practice in engineering work, which may include surveying work, and must include engineering work other than surveying work of a character indicating that the applicant is competent to be placed in responsible charge of such work.

(2) As a surveyor—

(a) Six or more years of active practice in surveying work of a character indicating



that the applicant is competent to be placed in responsible charge of such work; or

(b) Graduation in engineering from a school or college approved by the board as of satisfactory standing and having a course in engineering of not less than four years, and an additional one year of active practice in surveying work of a character indicating that the applicant is competent to be placed in responsible charge of such work; or

(c) Not less than four years of active practice in surveying work of a character indicating that the applicant is competent to be placed in responsible charge of such work, and satisfactorily passing the examination prescribed by the board:

Provided, That upon the filing of an application, the board may investigate the allegations therein contained and if, upon investigation, it believes that the applicant is not competent to be placed in responsible charge of engineering work, or of surveying work, as the case may be, it shall decline to register the applicant, stating its reasons. It shall also be the duty of the board to receive any disqualifying evidence offered by any person or persons objecting to the registration of the applicant, and to refuse registration if in its opinion such disqualifying evidence refutes the prima facie evidence contained in the application.

Section 6. Furnishing Additional Evidence by Applicant for Registration; Examinations.—An applicant for registration, where the evidence presented in the application does not appear to the board conclusive or warranting the issuing of a certificate of registration, may be required by the board to present for its consideration further evidence, and also may be required by the board to take an examination: Provided, That said examination shall not be construed as a substitute for the minimum years of practical experience required by the act.

Section 7. Citizens of Foreign Countries.—A citizen of a foreign country, who seeks to practice the profession of engineering within this Commonwealth, and who has practiced engineering for a period of more than ten years, upon presentation of satisfactory evidence that he is qualified so to practice, may at the discretion of the board be granted a certificate of registration as a professional engineer.

Section 8. Practice of firms, Copartnerships, and Corporations.—A firm, copartnership or corporation may only engage in the practice of the profession of engineering, in any of its branches, including surveying, in this Commonwealth, in the name of the person or persons connected with such firm, copartnership or corporation who is or are in responsible charge of the design, or of the supervision of the work which consti-



tutes such practice, each of whom is registered as required by this act.

**Section 9. Majority of Board to Pass Upon Application; Return of Half of Registration Fee.**—A satisfactory character shall be an essential, and a majority vote of the members of the board shall be required to pass upon the qualifications of an applicant for registration under the provisions of this act. Should the board deny the issuance of a certificate of registration to any applicant, one-half of the registration fee deposited shall be returned to the applicant and the remainder retained as an examination fee.

**Section 10. Persons Exempted from Registration.**—The following persons shall be exempted from registration under the provisions of this act, to wit:

(a) A person who is a resident of and has an established place of business in this Commonwealth, who shall have filed with the board an application for a certificate of registration, and shall have paid the fee required by this act. Such exemption shall continue only for such time as the board requires for the consideration of the application for registration.

(b) A person not a resident of and having no established place of business in this Commonwealth, practicing or offering to practice therein the profession of engineering in any of its branches, including surveying, when such practice does not exceed in the aggregate more than thirty days in any calendar year: Provided, Such person is legally qualified by registration to practice the said profession in any of its branches, including surveying, in his or her own state or country in which the requirements and qualifications for obtaining a certificate of registration are not lower than those specified in this act.

(c) A person not a resident and having no established place of business in this Commonwealth, or who has recently become a resident thereof, practicing or offering to practice therein for more than thirty days in any calendar year the profession of engineering in any of its branches, including surveying, if he or she shall have filed with the board an application for a certificate of registration and shall have paid the fee required by this act. Such exemption shall continue only for such time as the board requires for the consideration of the application for registration: Provided, Such person is legally qualified to practice said profession in any of its branches, including surveying, in his or her own state or country.

(d) An employe of a person holding a certificate of registration in this Commonwealth who is engaged in the practice of the profession of engineering in any of its branches, including surveying, and an employe of a person exempted from registra-

tion by classes (b) and (c) of this section: Provided, Such practice does not include responsible charge of design or supervision.

(e) Officers and employes of the Government of the United States while engaged within this Commonwealth in the practice of the profession of engineering in any of its branches, including surveying, for said Government.

(f) A person having no established place of business in this Commonwealth who practices the profession of engineering in any of its branches, including surveying, exclusively as a regular employe of a public service company as defined in the Public Service Company Law, by rendering to such company engineering service in connection with its facilities which are subject to regulation, supervision, and control, in order to safeguard life, health, and property by the Public Service Commission of the Commonwealth of Pennsylvania, so long as such person is thus actually and exclusively employed and no longer: Provided, That such company shall have at least one engineer, registered under the provisions of this act, in responsible charge of such company's engineering work in Pennsylvania.

Section 11. Renewal of Certificates of Registration.—Certificates of registration shall expire on the last day of December following their issuance or renewal, and shall become invalid unless renewed as hereinafter provided. It shall be the duty of the board, on or before the last day of November, to notify by mail every person registered hereunder of the date of the expiration of his or her certificate and the amount of fee required for its renewal for one year. Renewal may be effected at any time during the month of December by the payment of a fee of one dollar to the board. The failure on the part of any registrant to renew his or her certificate annually in the month of December, as required above, shall not deprive such person of the right to practice the profession of engineering during the year succeeding, but, if renewal fee as hereinafter provided is not paid within the succeeding year, the registration shall expire on the last day of December of that year. The fee to be paid for the renewal of a certificate after the month of December shall be increased fifty per centum for each month or fraction of a month that the payment of renewal is delayed: Provided, however, That a certificate of registration, not renewed within one year after it has become invalid, shall thereby be rendered null and void.

Section 12. Revocation of Certificate of Registration; Procedure.—The board shall have the power to revoke the certificate of registration of any registrant who is found guilty of:

(a) The practice of any fraud or deceit in obtaining a certificate of registration; or

(b) Any gross negligence, incompetency or misconduct in practicing as a registrant.

Any person may prefer charges of fraud, deceit, negligence, incompetency or misconduct against any registrant. Such charges shall be in writing, and shall be sworn to by the person making the same, and shall be filed with the board.

All charges, unless dismissed by the board as unfounded or trivial, shall be heard and disposed of by the board within three months after the date on which they were preferred.

The time and place for said hearing shall be fixed by the board and a copy of the charges, together with a notice of the time and place of hearing, shall be personally served on or mailed to the last known address of such registrant at least thirty days before the date fixed for the hearing.

At any hearing the accused registrant shall have the right to appear personally and by counsel, to cross-examine witnesses appearing against him or her, and to produce evidence and witnesses in his or her defense.

If after such hearing, three or more members of the board vote in favor of finding the accused guilty of

(a) The practice of fraud or deceit in obtaining a certificate of registration; or

(b) Any gross negligence, incompetency or misconduct in practicing as a registrant, the board shall revoke the certificate of registration of such registrant.

The board, for reasons it may deem sufficient, may reissue a certificate of registration to any person whose certificate has been revoked, provided three or more members of the board vote in favor of such reissuance. A new certificate of registration, to replace any certificate revoked, lost, destroyed or mutilated, may be issued subject to the rules and regulations of the board. A charge of ten dollars shall be made for such issuance. A charge of one dollar shall be made likewise for a reissuance of a registration card.

**Section 13. Appeal to Court when Registration Denied or Revoked.**—Any person, who shall feel aggrieved by any action of the board in denying or revoking his or her certificate of registration, may appeal therefrom to the court of common pleas of Dauphin County and, after full hearing, said court shall make such decree sustaining or reversing the action of the board as to it may seem just and proper. The action of said court shall be final.

**Section 14. Seal of Registrants.**—The issuance of a certificate of registration by the board shall be evidence that the person named therein is entitled to all the rights

and privileges of a registrant as long as the said certificate remains unrevoked or unexpired.

Each registrant hereunder shall, upon registration, obtain a seal, of the design authorized by the board, bearing the registrant's name and number and the legend "Registered Professional Engineer," or "Registered Surveyor." The board, at its discretion, may arrange to furnish each registrant with a seal of the design authorized by it and under such conditions as it may establish.

Plans, specifications, plates, and reports issued by a registrant shall be stamped with the seal during the life of the registrant's certificate, and it shall be unlawful for any person to stamp or seal any documents if the certificate of the registrant named therein has expired or has been revoked, unless such certificate has been renewed or reissued; and it shall be unlawful to use the seal or a copy thereof for other purposes than herein specified, or a seal of any other design than that authorized by the board.

Section 15. Registered Surveyors May only Practice Surveying.—Nothing in this act shall be construed as permitting a person registered only as a surveyor to practice any other branch of the profession of engineering. Nothing in this act shall be construed to prevent any person who is qualified under the law to use the title "Registered Architect," from doing such engineering work as is incidental to his architectural work, or to prevent any person who is qualified under the law to use the title "Registered Professional Engineer" from doing such architectural work as is incidental to his engineering work.

Section 16. Penalties.—Any person who shall practice the profession of engineering in any of its branches, including surveying, in this Commonwealth without being registered or exempted in accordance with the provisions of this act, or any person presenting or attempting to use as his or her own the certificate of registration of another, or any person who shall give any false or forged evidence of any kind to the board or to any member thereof in obtaining a certificate of registration, or any person who shall falsely impersonate any other registrant of like or different name, or any person who shall use or attempt to use an expired or revoked certificate of registration, or shall violate any of the provisions of this act, shall be guilty of a misdemeanor, and shall, upon conviction, be sentenced to pay a fine of not less than one hundred (\$100) dollars, nor more than five hundred (\$500) dollars, or suffer imprisonment for a period not exceeding three months, or both.

Section 17. Provisions of Act Severable.—The provisions of this act are severable, and,

in the event that any provision thereof should be declared unconstitutional, it is hereby declared that the remaining provisions would have been enacted notwithstanding such judicial determination of the invalidity of any particular provision or provisions in any respect.

Section 18. Repeal.—All acts and parts of acts of Assembly inconsistent with this act are hereby repealed.

APPROVED—The 6th day of May, A. D. 1927.

JOHN S. FISHER

The foregoing is a true and correct copy of Act of the General Assembly No. 415.

CHARLES JOHNSON  
Secretary of the Commonwealth







# ROSTER OF REGISTERED PROFESSIONAL ENGINEERS

(As of April 15, 1936)

A.

Name	Mailing Address
Abbiss, Reuben D.,	Carnegie Steel Co., Edgar Thomson Works, Braddock, Pa.
Abbott, Fred W.,	c/o Puhlicker Commercial Alcohol Co., 260 S. Broad St., Philadelphia, Pa.
Abbott, Hunley,	22 E. 40th St., New York, N. Y.
Abbott, Munro L.,	931 W. Lehigh Ave., Philadelphia, Pa.
Ahel, Norman A.,	316 7th St., Oakmont, Pa.
Abrams, David H.,	10 Pike St., Houston, Pa.
Adams, Calvin Johnson,	1619 Quincy Ave., Dunmore, Scranton, Pa.
Adams, J. Carleton,	3221 Beaconhill Ave., Dormont, Pittsburgh, Pa.
Adams, J. W.,	P. O. Box 92, Oakdale, Pa.
Adams, Julius, H. C.	Frick Coke Company, Scottdale, Pa.
Adler, Julius,	2001 Architects Bldg., Philadelphia, Pa.
Affelder, William L.,	2306 First National Bank Bldg., Pittsburgh, Pa.
Africa, C. McKnight,	114 Second St., Huntingdon, Pa.
Agthe, Frederick Thomas,	Allis Chalmers Mfg. Co., Milwaukee, Wis.
Ahbe, Frederic R.,	P. O. Box 4, Athens, Pa.
Ahrens, William B.,	622 Court St., Reading, Pa.
Aiken, J. Claude,	18 Reiber Bldg., Bntler, Pa.
Aires, Benjamin H.,	610 Maloney Bldg., Pittsburgh, Pa.
Aitken, Alexander N.,	City Hall, Cor. Peach & South Park Place, Erie, Pa.
Akers, Edwin R.,	1524 Chestnut St., Philadelphia, Pa.
Albrecht, H. Carl,	1000 Chestnut St., Philadelphia, Pa.
Albright, Chester E.,	246 S. 15th St., Philadelphia, Pa.
Albright, Russell K.,	1963 Medary Ave., Philadelphia, Pa.
Alden, Charles A.,	401 Pine St., Steelton, Pa.
Aldrich, John T.,	2238 W. Estaugh St., Philadelphia, Pa.
Alexander, Bruce M.,	1525 Palm St., Reading, Pa.
Alford, Newell G.,	2050 Koppers Bldg., Pittsburgh, Pa.
Allahach, Earl P.,	1638 Commercial Trust Bldg., Philadelphia, Pa.
Allan, William George,	Mechanical Engineer, Philadelphia Art Museum, Philadelphia, Pa.
Allen, Harvey,	347 Columbia Ave., West View., Pittsburgh, Pa.
Allen, Herschel H.,	1201 St. Paul St., Baltimore, Md.
Allen, James H.,	2502 Grant Bldg., Pittsburgh, Pa.
Allen, J. C.,	301 Leasure Ave., New Castle, Pa.
Allen, John E.,	1103 City Hall Annex, Philadelphia, Pa.
Allen, J. Wallace,	Carnegie Steel Company, Clairton, Pa.
Allison, Leon M.,	858 Piedmont Ave., Winston-Salem, N. C.
Allison, Walter A.,	403 Wister St., Philadelphia, Pa.
Allner, F. A.,	1606 Lexington Bldg., Baltimore, Md.
Altmiller, C. Henry,	407 W. Diamond Ave., Hazleton, Pa.
Altmiller, Justus E.,	407 W. Diamond Ave., Hazleton, Pa.
Ambler, J. Paul,	801 Lafayette Parkway, Williamsport, Pa.
Amhrose, Frederic B.,	227 Dell Ave., South Hills Branch, Pittsburgh, Pa.
Anckaitis, Victor W.,	1929 Ferry St., Easton, Pa.
Anderson, David G.,	35 Claremont Ave., New York City, New York.
Anderson, David P.,	Carnegie Steel Company, Duquesne, Pa.
Anderson, Edward M.,	3764 Jefferson St., Bellaire, Ohio.
Anderson, J. K.,	905 North Ave., Wilkinsburg, Pa.
Anderson, Leslie G.,	424 Hancock Ave., Vandergrift, Pa.
Anderson, Robert T.,	6463 Morris Park Rd., Philadelphia, Pa.
Andrew, A. G.,	Municipal Bldg., Tyrone, Pa.
Andrews, Earle T.,	c/o Pennsylvania Glass Sand Corporation, Mapleton Depot, Pa.
Andrews, Harold A.,	1204 Allston Rd., Brookline, Pa.
Andrews, J. H. M.,	Mitten Bldg., Philadelphia, Pa.
Andrews, Robert M.,	P. O. Box 8, Middletown, Ohio.
Andrews, William W.,	430 Beechwood Ave., Carnegie, Pa.
Appel, E. E.,	508 Gulf Bldg., Pittsburgh, Pa.
Appel, Harry G.,	744 Lillian St., Pittsburgh, Pa.

Appert, Ernest, Kimbles, Pa.  
 Archbald, James, 405 Thompson Bldg., Pottsville, Pa.  
 Archer, Harry V., New County Office Bldg., Pittsburgh, Pa.  
 Argersinger, Roy Edwin, 49 Federal St., Boston, Mass.  
 Armitage, Henry Brashear, 12 Spruce Rd., Larchmont, N. Y.  
 Armor, James C., 652 Highland Place., Bellevue, Pittsburgh, Pa.  
 Arnold, Samuel, 3d, 814 Professional Bldg., Pittsburgh, Pa.  
 Arras, J. W., Woodlawn Drive, Coraopolis, Pa.  
 Arrison, Howard W., 108 Hampden Rd., Upper Darby, Pa.  
 Arthur, Joseph N., 640 California Ave., Avalon, Pittsburgh, Pa.  
 Arthur, Urie N., 919 City-County Bldg., Pittsburgh, Pa.  
 Arthurs, William H., 137 Pine St., Brookville, Pa.  
 Ashbridge, Richard I. Downing, 606 Land Title Bldg., Philadelphia, Pa.  
 Ashcraft, Charles E., 31 S. Grandview Ave., Crafton, Pittsburgh, Pa.  
 Ashton, John J., 4941 Royal St., Philadelphia, Pa.  
 Atherton, John H., Court House, Chambersburg, Pa.  
 Atkinson, Willard S., 1612 Vine St., Philadelphia, Pa.  
 Atwater, Karl W., 1107 Termon Ave., Pittsburgh, Pa.  
 Auch, Walter F., 1908 Fairview Ave., Easton, Pa.  
 Auchmuty, Harrison L., 24 S. Emily St., Crafton, Pa.  
 Auld, E. C., c/o H. C. Frick Coke Co., Scottdale, Pa.  
 Auman, James D., 135 Mauch Chunk St., Nazareth, Pa.  
 Aurand, Edward A., Webster Hill, Cresson, Pa.  
 Austin, Harvey B., 1906 N. 6th St., Philadelphia, Pa.  
 Austin, Walter M., Westinghouse Electric & Manufacturing Co., East Pittsburgh, Pa.  
 Avery, Ellwood, Cleveland Southerly Sewage Disposal Plant., R. D. No. 3, Brooklyn Station, Cleveland, O.  
 Avery, John Serpell, Virginia Public Service Company, Alexandria, Va.  
 Aveson, Thomas S. Jr., The Bell Telephone Co. of Pa., 1631 Arch Street, Philadelphia, Pa.  
 Axford, Herbert, 801 Electric St., Scranton, Pa.  
 Aye, William G., 308 Market St., Kittanning, Pa.  
 Aylsworth, J. W., 4429 Chestnut St., Philadelphia, Pa.  
 Ayers, H. S., 303 City-County Bldg., Pittsburgh, Pa.

## B.

Babcock, Charles D., 1401 Arch St., Philadelphia, Pa.  
 Babel, Herman, 1526 Frick Bldg., Pittsburgh, Pa.  
 Bach, Geo. W., American Sterilizer Co., 12th & Plum Sts., Erie, Pa.  
 Bacon, Benjamin S., 576 Greenwich St., New York, N. Y.  
 Bacon, George W., 39 Broadway, New York, N. Y.  
 Bacon, Vaughan R., 466 Highland Ave., Apt. 209, Orange, N. J.  
 Badenhause, John Phillips, 620 Packard Bldg., 15th & Chestnut, Philadelphia, Pa.  
 Baer, Carl Adams, 310 E. 44th St., New York City, N. Y.  
 Bailey, Carl Chester, 118 Grandview Rd., Ardmore, Pa.  
 Bailey, Julian George, 1130 City Hall Annex, Philadelphia, Pa.  
 Bailey, L. W. F., 11 Madison Ave., Cranford N. J.  
 Bailey, Lewis P., 1009 DeKalb St., Norristown, Pa.  
 Bailey, Raymond, Edlson Bldg., Philadelphia, Pa.  
 Bailey, William C., 1223 Wakeling St., Frankford, Philadelphia, Pa.  
 Bailey, William E., 2329 N. 3rd St., Harrisburg, Pa.  
 Baily, Robert William, 210 Lantwyn Lane, Narberth, Pa.  
 Bainbridge, David W., 208 Yeakel Ave., Chestnut Hill, Philadelphia, Pa.  
 Balns, George B., 3d, 14 S. Market Square, Harrisburg, Pa.  
 Baker, J. L., 209 E. Fishers Ave., Philadelphia, Pa.  
 Baker, Michael, Court House, Beaver, Pa.  
 Baker, Percival S., 522 Reading Terminal, Philadelphia, Pa.  
 Baker, Samuel, 1501 Quincy Ave., Scranton, Pa.  
 Baker, William Dartis, 1221 Marlyn Rd., Philadelphia, Pa.  
 Ball, Laurence Adams, 110 W. 40th St., New York, N. Y.  
 Ballard, Roscoe F., 37 E. Mowry St., Chester, Pa.  
 Ballou, Henry W., 2600 Industrial Trust Bldg., Providence, Rhode Island.  
 Baltzly, Clifford C., Philadelphia Electric Company, Edison Bldg., 900 Sansom St., Philadelphia, Pa.  
 Bamberger, Henry F., 817 Roosevelt Blvd., Philadelphia, Pa.  
 Bankson, Ellis E., 813 Clark Bldg., Pittsburgh, Pa.  
 Bannister, Bryant, 1702 Frick Bldg., Pittsburgh, Pa.  
 Banta, Russell V., 17 Hudson Ave., Mt. Vernon, N. Y.  
 Barakat, Samuel W., 6137 Washington Ave., Philadelphia, Pa.  
 Barber, J. Frank, 1317 Spruce Street, Philadelphia, Pa.

Barchfeld, Herman C., 2402 Edgar St., Pittsburgh, Pa.  
 Barclay, C. L. R., Democrat Bldg, Johnstown, Pa.  
 Barkley, J. F., U. S. Bureau of Mines, Washington, D. C.  
 Barkley, William O'Neal, Lehigh Structural Steel Co.,  
 Foot of Allen St., Allentown, Pa.  
 Barnard, Joseph C., Somerton, Philadelphia, Pa.  
 Barnes, Amos W., S. E. Cor. Ridge Ave. & Hermit St.,  
 Philadelphia, Pa.  
 Barnes, Jos. F., c/o Design Sect., Philadelphia Navy  
 Yard, Philadelphia, Pa. **DREXEL HILL, PA.**  
 Barnes, Joseph M., 4350 Woodland Ave., Philadelphia, Pa.  
 Barnes, William T., 30 N. Franklin St., Wilkes-Barre, Pa.  
 Barnett, Nallie B., 541 13th Ave., Prospect Park, Pa.  
 Barnett, Stewart C., 1303 Grant Ave., W. Collingswood,  
 N. J.  
 Barnhart, N. A., 1306 Ridge Ave., Coraopolis, Pa.  
 Barnhart, William B., 112 N. Chestnut St., Scottsdale, Pa.  
 Barofsky, Max, 1031 City Hall Annex, Philadelphia, Pa.  
 Barr, J. Carroll, 901 Oliver Bldg., Pittsburgh, Pa.  
 Barrett, Cecil H., 3315 Francisco St., Pittsburgh, Pa.  
 Barrick, M. J., 724 First Ave., Williamsport, Pa.  
 Barth, J. Christian, 4733 Oakland St, Philadelphia, Pa.  
 Bartlett, Max C., 710 Transportation Bldg., Cincinnati,  
 Ohio.  
 Bartlett, P. H., Philadelphia Electric Co., 1000 Chestnut  
 St., Philadelphia, Pa.  
 Barton, George Francis, 135 Lewis Ave., E. Lansdowne,  
 Pa.  
 Barton, William Henry, Jr., American Museum of Natural  
 History, New York, N. Y.  
 Barwis, Calvin W., City Bldg., Warren, Pa.  
 Bascom, Harry F., 503 Allentown National Bank Bldg.,  
 Allentown, Pa.  
 Bascome, George L., 3008 Chamberlayne Ave., Richmond,  
 Va.  
 Bassett, Edward Morris, 1608 Walnut St., Philadelphia, Pa.  
 Bassett, Harry Preston, 739 Drexel Bldg., Philadelphia, Pa.  
 Bateman, William H., Jr., 1516 West Thompson St.,  
 Philadelphia, Pa.  
 Bates, Arthur C., Mechanical Eng. Dept., Univ. of Penn.,  
 Philadelphia, Pa.  
 Bates, Clifford W., 403 N. Narberth Ave., Narberth, Pa.  
 Bates, Daniel Moore, Bates, Inc., Packard Bldg., Phila-  
 delphia, Pa.  
 Bates, Edwin D., 8240 Brookside Rd., Elkins Park, Pa.  
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## U.

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